

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	174398	(spin adj bulb or spin adj bubble or ((read\$3 or reproduc\$3) near2 (element or device\$1)) or mr or DOMR or mre or magneto adj2 (resistiv\$3 or resistance\$1) or magnetoresist\$5 or amr or magnetic\$4 adj2 (resistiv\$3 or resistance\$1) or SVMR or TuMR\$1 or CMR\$1 or GMR\$1 or spin adj2 valve\$1 or svmr\$1 or tjmr\$1 or tmj\$1 or tmr\$1 or mram\$1 or magnetic adj2 memor\$3 or magnetic adj random adj access adj memor\$3 or DSV or TJM or MTJ or macro adj magnetoresist\$5 or macromagnetoresist\$5 or piggyback or ((composite or combination or merged) adj4 head\$1)).ti,ab,clm. or "360/113" or 360/313-327.33.ccls. or 338/32\$2.ccls. or 324/207.21.ccls. or 324/252.ccls. or 365/171.ccls. or 365/173.ccls. or 428/811-811.5.ccls. or 148/108.ccls.	FPRS; EPO; JPO; DERWENT	ADJ	OFF	2006/11/07 09:56
L2	62111	(spin adj bulb or spin adj bubble or ((read\$3 or reproduc\$3) near2 (element or device\$1)) or mr or DOMR or mre or magneto adj2 (resistiv\$3 or resistance\$1) or magnetoresist\$5 or amr or magnetic\$4 adj2 (resistiv\$3 or resistance\$1) or SVMR or TuMR\$1 or CMR\$1 or GMR\$1 or spin adj2 valve\$1 or svmr\$1 or tjmr\$1 or tmj\$1 or tmr\$1 or mram\$1 or magnetic adj2 memor\$3 or magnetic adj random adj access adj memor\$3 or DSV or TJM or MTJ or macro adj magnetoresist\$5 or macromagnetoresist\$5 or piggyback or ((composite or combination or merged) adj4 head\$1)).ti,ab,clm. or "360/113" or 360/313-327.33.ccls. or 338/32\$2.ccls. or 324/207.21.ccls. or 324/252.ccls. or 365/171.ccls. or 365/173.ccls. or 428/811-811.5.ccls. or 148/108.ccls.	US-PGPUB; USPAT	ADJ	OFF	2006/11/07 09:56

EAST Search History

L3	125990	((instack or in-stack or in adj stack or magnet or magnets or barkhausen or ((hard or vertical\$4 or longitudinal\$4) adj2 bias\$4) or mdc or domain\$ or barkhausen or barkhausen or Barkhausen or barkhausen or popcorn or pop adj corn or wiggle or exchange adj tab\$1 or multidomain\$1 or LBS or (sole near3 magnetization\$1) or unidirectional or ((another or other or additional or second) adj2 (anti adj ferromagnet\$\$ or antiferromagnet\$4 or AFM or AFMS))).clm.	US-PGPUB; USPAT	ADJ	OFF	2006/11/07 09:57
L4	221861	(contiguous or abut\$6).clm.	US-PGPUB; USPAT	ADJ	ON	2006/11/07 09:57
L5	9081	(bias\$5 near3 (back or rear or coil)).clm.	US-PGPUB; USPAT	ADJ	ON	2006/11/07 09:58
L6	4	2 and 3 and 4 and 5	US-PGPUB; USPAT	ADJ	ON	2006/11/07 09:58